

CHEMICAL ANALYZER PROBE
WITH CHEMICAL SELECTIVE FILTER
ABSTRACT OF THE DISCLOSURE

5 A chemical analyzer probe includes a gland
extending from a tubular end to a second gland end
connectable to a chemical analyzer. The gland has a
sealing surface that seals to the opening. A porous
tubular filter is joined to the tubular end of the
10 gland and forms a filter cavity holding a filter
fluid. A coating on the porous tubular filter is
formed of a chemically selective material that allows
a first chemical in the process fluid to flow into
the filter fluid, while excluding a second chemical
15 in the process fluid. A sensor couples to the filter
fluid for sensing and connectable to a chemical
analyzer through the second gland end.